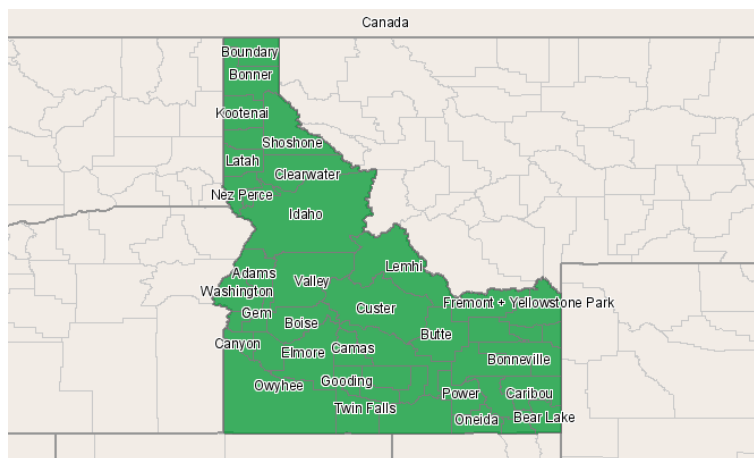


Professional Technical Education



P.O. Box 83720
Boise, Idaho 83720
208.334.3216

Career Cluster Report



Region Info

Region: Idaho

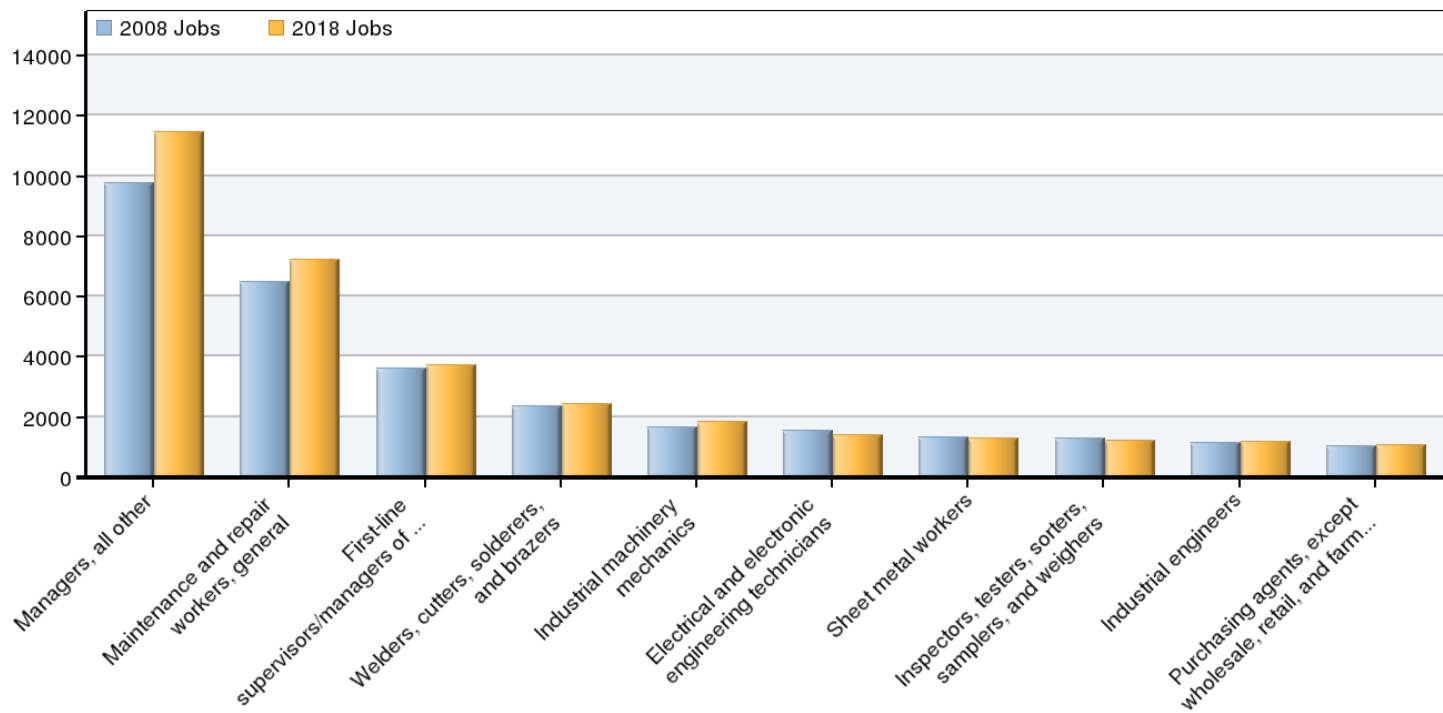
State Area: Idaho

Executive Summary for Manufacturing Career Cluster

Education	2008 Jobs	2018 Jobs	Change	Replacement	Current Hourly Earnings
Short-term on-the-job training	394	408	14	64	\$15.49
Moderate-term on-the-job training	9,182	9,933	751	738	\$13.69
Long-term on-the-job training	8,219	9,186	967	1,695	\$17.72
Work experience in a related field	15,207	16,988	1,781	3,040	\$18.39
Postsecondary vocational award	1,462	1,486	24	199	\$15.89
Associate's degree	3,085	3,014	-71	540	\$23.79
Bachelor's degree	2,302	2,334	32	466	\$40.13
Degree plus work experience	874	1,021	147	158	\$30.20
Total	40,725	44,369	3,644	6,900	\$18.88

Source: EMSI Complete Employment - 4th Quarter 2009

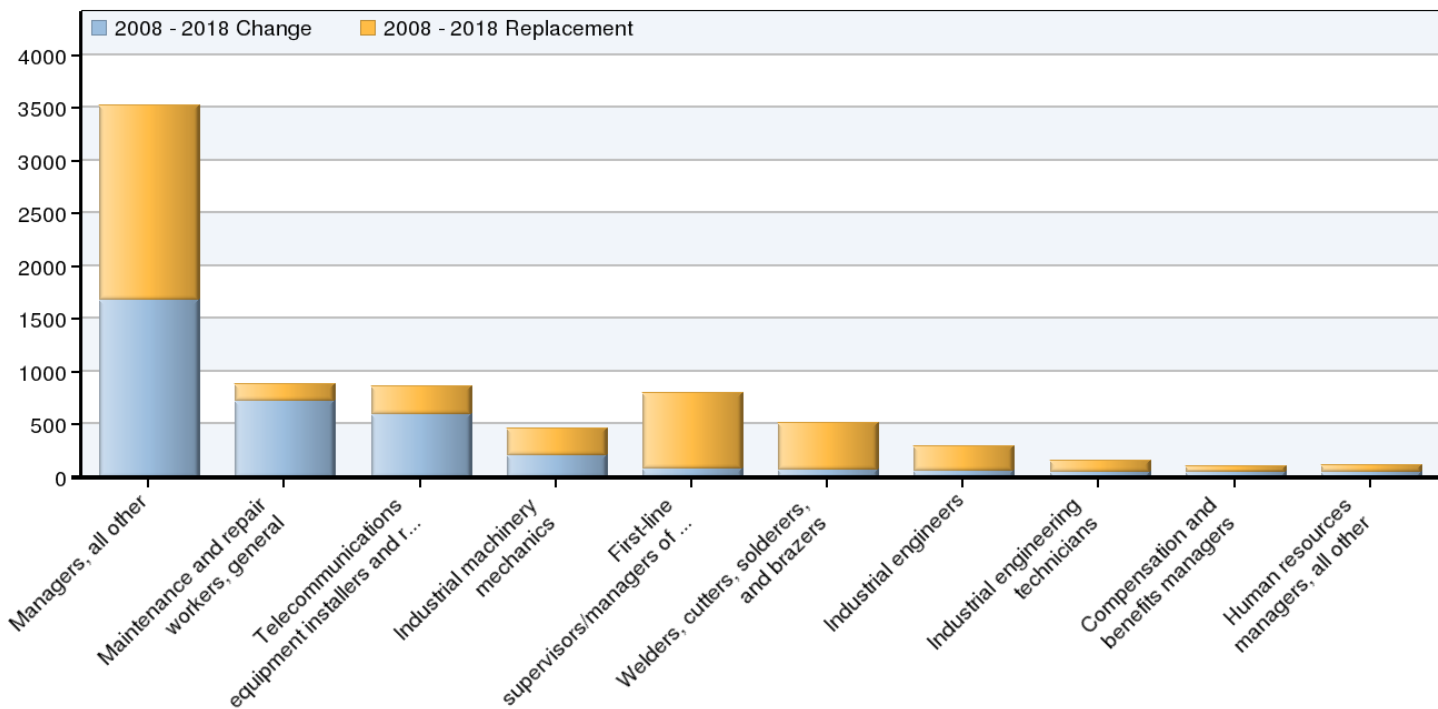
Largest Occupations



SOC Code	Description	2008 Jobs	2018 Jobs	Change	Current Hourly Earnings	Education
11-9199	Managers, all other	9,780	11,464	1,684	\$16.25	Work experience in a related field
49-9042	Maintenance and repair workers, general	6,488	7,219	731	\$13.62	Moderate-term on-the-job training
51-1011	First-line supervisors/managers of production and operating workers	3,625	3,705	80	\$20.41	Work experience in a related field
51-4121	Welders, cutters, solderers, and brazers	2,370	2,443	73	\$14.23	Long-term on-the-job training
49-9041	Industrial machinery mechanics	1,650	1,859	209	\$20.16	Long-term on-the-job training
17-3023	Electrical and electronic engineering technicians	1,563	1,390	-173	\$25.98	Associate's degree
47-2211	Sheet metal workers	1,318	1,299	-19	\$17.81	Long-term on-the-job training
51-9061	Inspectors, testers, sorters, samplers, and weighers	1,289	1,228	-61	\$13.44	Moderate-term on-the-job training
17-2112	Industrial engineers	1,130	1,193	63	\$37.39	Bachelor's degree
13-1023	Purchasing agents, except wholesale, retail, and farm products	1,048	1,080	32	\$21.18	Work experience in a related field

Source: EMSI Complete Employment - 4th Quarter 2009

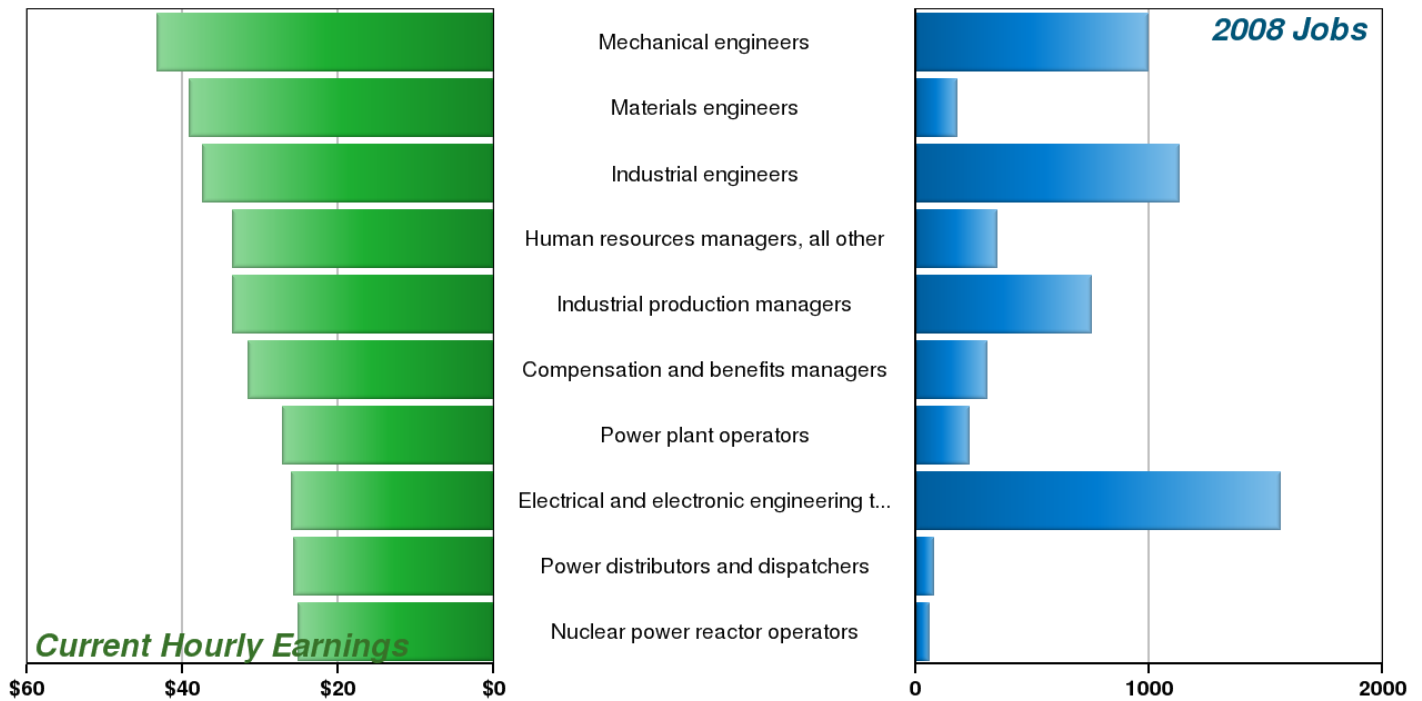
Largest Growth



SOC Code	Description	2008 - 2018 Change	Replacement	Annual Openings	Current Hourly Earnings	Education
11-9199	Managers, all other	1,684	1,837	352	\$16.25	Work experience in a related field
49-9042	Maintenance and repair workers, general	731	154	88	\$13.62	Moderate-term on-the-job training
49-2022	Telecommunications equipment installers and repairers, except line installers	603	263	87	\$18.42	Long-term on-the-job training
49-9041	Industrial machinery mechanics	209	258	47	\$20.16	Long-term on-the-job training
51-1011	First-line supervisors/managers of production and operating workers	80	720	80	\$20.41	Work experience in a related field
51-4121	Welders, cutters, solderers, and brazers	73	443	52	\$14.23	Long-term on-the-job training
17-2112	Industrial engineers	63	233	30	\$37.39	Bachelor's degree
17-3026	Industrial engineering technicians	57	98	15	\$24.67	Associate's degree
11-3041	Compensation and benefits managers	52	55	11	\$31.52	Degree plus work experience
11-3049	Human resources managers, all other	48	63	11	\$33.53	Degree plus work experience

Source: EMSI Complete Employment - 4th Quarter 2009

Highest Earnings



SOC Code	Description	Current Hourly Earnings	2008 Jobs	2008 - 2018 Change	Replacement	Education
17-2141	Mechanical engineers	\$43.24	994	-22	196	Bachelor's degree
17-2131	Materials engineers	\$39.07	178	-9	36	Bachelor's degree
17-2112	Industrial engineers	\$37.39	1,130	63	233	Bachelor's degree
11-3049	Human resources managers, all other	\$33.53	349	48	63	Degree plus work experience
11-3051	Industrial production managers	\$33.50	753	-14	277	Work experience in a related field
11-3041	Compensation and benefits managers	\$31.52	305	52	55	Degree plus work experience
51-8013	Power plant operators	\$27.09	228	43	80	Long-term on-the-job training
17-3023	Electrical and electronic engineering technicians	\$25.98	1,563	-173	251	Associate's degree
51-8012	Power distributors and dispatchers	\$25.75	74	7	29	Long-term on-the-job training
51-8011	Nuclear power reactor operators	\$25.21	56	10	19	Long-term on-the-job training

Source: EMSI Complete Employment - 4th Quarter 2009

*Note: Occupations with fewer than 10 employees are not shown.

Data Sources and Calculations

Career Cluster Data

Career clusters and pathways are collections of standard occupation (SOC) codes. They are defined by the States' Career Cluster Initiative.

Occupation Data

Organizing regional employment information by occupation provides a workforce-oriented view of the regional economy. EMSI's occupation data are based on EMSI's industry data and regional staffing patterns taken from the Occupational Employment Statistics program (U.S. Bureau of Labor Statistics). Wage information is partially derived from the American Community Survey. The occupation-to-program (SOC-to-CIP) crosswalk is based on one from the U.S. Department of Education, with customizations by EMSI.

State Data Sources

This report uses state data from the following agencies: Idaho Department of Labor.